Negotiated rate Comparitive Statement

Name of Work: Maintenance of Borewells and RO Plants in ward no 16

Tender Notification No: EE/RRND/Tend/18/2019-20 Date: 02.03.2020

Indet No: BBMP/2019-20/BD/WORK_INDENT40609

Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
1	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) Complete as per the direction of Engineer in Charge with all lead and Lift.	Nos	5.00	49955.00	249775.00	53452.00	267260.00	52353.00	261765.00
2	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	1750.00	411.28	719740.00	440.00	770000.00	431.00	754250.00
3	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq.mm Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	3550.00	126.70	449785.00	136.00	482800.00	133.00	472150.00

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				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
4	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	1345.14	6725.70	1439.00	7195.00	1410.00	7050.00
5	Spplying and fixing 50mm GI Union. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	223.70	1118.50	239.00	1195.00	234.00	1170.00
6	Spplying and fixing 50mm GI Elbow. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	111.80	559.00	120.00	600.00	117.00	585.00
7	Spplying and fixing 50mm GI Nipple. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	104.30	521.50	112.00	560.00	109.00	545.00
8	Spplying and fixing 50mm GI Hose colleres Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	290.00	103.00	29870.00	110.00	31900.00	108.00	31320.00
9	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	175.20	876.00	187.00	935.00	184.00	920.00
10	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	2374.00	11870.00	2540.00	12700.00	2488.00	12440.00

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				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
11	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps Complete as per the direction of Engineer in Charge with all lead and Lift.	Nos	5.00	1800.00	9000.00	1926.00	9630.00	1886.00	9430.00
12	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	430.00	2150.00	460.00	2300.00	451.00	2255.00
13	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	6400.00	32000.00	6848.00	34240.00	6707.00	33535.00
14	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	745.00	3725.00	797.00	3985.00	781.00	3905.00
15	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	100.00	45.00	4500.00	48.00	4800.00	47.00	4700.00
16	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery	Nos	20.00	400.00	8000.00	428.00	8560.00	419.00	8380.00

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				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
17	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	2999.70	14998.50	3210.00	16050.00	3144.00	15720.00
18	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	40.00	102.00	4080.00	109.00	4360.00	107.00	4280.00
19	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	50.00	150.00	7500.00	161.00	8050.00	157.00	7850.00
20	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	125.00	11.88	1485.00	13.00	1625.00	12.00	1500.00
21	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm Complete as per the direction of Engineer in Charge with all lead and Lift	Rmtr	10.00	335.00	3350.00	358.00	3580.00	351.00	3510.00

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				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
22	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	5.00	270.00	1350.00	289.00	1445.00	283.00	1415.00
23	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers. 63 amps Complete as per the direction of Engineer in Charge with all lead and Lift	Nos	15.00	227.00	3405.00	243.00	3645.00	238.00	3570.00
24	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	166.86	952.94	159007.57	1020.00	170197.20	999.00	166693.14
25	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	250.29	475.94	119123.02	509.00	127397.61	499.00	124894.71

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				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
26	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	1830.00	457.92	837993.60	490.00	896700.00	480.00	878400.00
27	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	5.00	511.98	2559.90	548.00	2740.00	537.00	2685.00
28	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	29.00	166.42	4826.18	178.00	5162.00	174.00	5046.00

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Sl No.	Item Description	Unit	Quantity	As per Estimate Rate (PWD SR 2018-19 B'lore Circle.		Rates quoted by T CHANDRASHEKHAR REDDY		Negotiated Rates quoted by T CHANDRASHEKHAR REDDY	
				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
29	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 Complete as per the direction of Engineer in Charge with all lead and Lift	Mtrs	470.00	136.74	64267.80	146.00	68620.00	143.00	67210.00
30	KSRB 2-4 : Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	175.20	128.26	22471.15	137.00	24002.40	134.00	23476.80
31	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	241.95	95.40	23082.03	102.00	24678.90	100.00	24195.00
32	KSRB 2-4 : Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	5.00	1843.34	9216.70	1972.00	9860.00	1932.00	9660.00

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				Rate	Amount in Rs.	Rate in Rs	Amount in Rs	Rate in Rs	Amount in Rs
33	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Each	5.00	149.46	747.30	160.00	800.00	157.00	785.00
34	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	125.14	5408.12	676772.14	5787.00	724185.18	5668.00	709293.52
35	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Complete as per the direction of Engineer in Charge with all lead and Lift	Cum	125.14	5770.64	722137.89	6170.00	772113.80	6075.00	760225.50
	% when compared to PWD SR 2018-19				**4208589.48**		**4503872.09**		**4414809.67**
						+7.02%Above		**+4.90%Above**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP

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